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Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	09/735,099
	Filing Date	12/11/00
	First Named Inventor	Dapprich
	Group Art Unit	1632
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	22650-001 CIP

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
✓	A1	US 5,856,092	01/05/99	Dale	435	6	
	A2	US 6,013,431	01/11/00	Soderlund	435	5	
	A3	US 6,004,744	12/21/99	Goelet	435	5	
	A4	US 5,939,261	08/17/99	Loewy	435	6	
	A5	US 6,140,489	10/31/00	Brenner	536	24.3	
	A6	US 6,124,092	09/26/00	O'Neill	435	6	
✓	A7	US 5,952,174	09/14/99	Nikiforov	435	6	

FOREIGN PATENT DOCUMENTS						
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No	
✓	B1	WO 94/01447	Eyal	01/20/94		
✓	B2	WO 95/00669	Caskey	01/05/95		
✓	B3	WO 90/01563	Cimino	02/22/90		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Exam Initial	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
✓	C1	McCarthy, J. and Hilfiker, R., (2000). <i>Nature Biotech.</i> 18:505-508.
	C2	Teintze, M. et al., (1995). <i>Biochem. And Biophys. Res Com.</i> 211:804-811.
	C3	Honigberg, S. et al., (1986). <i>Proc. Natl. Acad. Sci. USA</i> 83:9586-9590.
	C4	Rigas, B. et al., (1986). <i>Proc. Natl. Acad. Sci. USA</i> 83:9591-9595.
	C5	Hakvoort, T. et al., (1996). <i>Nuc. Acids Res</i> 24:3478-3480.
	C6	Belotserkovskii, B. et al., (1999). <i>Biochemistry</i> 38:10785-10792.
	C7	Davidson, S. (2000). <i>Nature Biotech.</i> 18:1134-1135.
	C8	Drysdale, C. et al., (2000). <i>PNAS</i> 97:10483-10488.
	C9	Sobel, E. and Lange, K. (1996). <i>Am. J. Hum. Genet.</i> 58:1323-1337.
	C10	Hodge, S. et al., (1999). <i>Nature Genetics</i> 21:360-361.
	C11	Judson, R. et al., (2000). <i>Pharmacogenomics</i> 1:1-12.
	C12	Tishkoff, S.A. et al., (2000). <i>Am J. Hum. Genet.</i> 67:518-522.
	C13	Bradshaw, M. et al., (1996). <i>Proc. Natl. Acad. Sci. USA</i> 93:2426-2430.
✓	C14	Bradshaw, M. et al., (1995). <i>Nuc. Acids Res.</i> 23:4850-4856.

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OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS		
Exam Initial	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
H	C15	Yan, H. <i>et al.</i> , (2000). <i>Nature</i> 403:723-724.
	C16	Ruano, G., <i>et al.</i> , (1990). <i>Proc. Natl. Acad. Sci. USA</i> 87:6296-6300.
	C17	Woolley, A. <i>et al.</i> , (2000). <i>Nature Biotech</i> 18:760-763.
	C18	Carver, T. <i>et al.</i> , (1994). <i>Proc. Natl. Acad. Sci. USA</i> 91:10670-10674.
	C19	Gurrieri, S. <i>et al.</i> , (1997). <i>Biochem. J.</i> 326:131-138.
	C20	Mitra, R. and Church, G. (1999). <i>Nuc. Acids Res.</i> 27(e34):i-vi.
	C21	Stahl, S. <i>et al.</i> , (1988). <i>Nuc. Acids Res</i> 16:3025-3038.
	C22	Dapprich, J. (1999). <i>Cytometry</i> 36:163-168.
	C23	Hacia, J. <i>et al.</i> , (1999). <i>Nature Genetics</i> 22:165-167.
	C24	TechNote #303 Rev. #001 Active 8/27/99
	C25	Ryan, D. <i>et al.</i> , (1999). <i>Molecular Diagnosis</i> 4:135-144.
	C26	Mitchell, L. and Merrill, C. (1989). <i>Analytical. Biochem.</i> 178:239-242.
	C27	Iyer, M. <i>et al.</i> , (1995). <i>J. of Bio. Chem.</i> 270:14712-14717.
	C28	Hakvoort, T. <i>et al.</i> <i>Gene Cloning and Analysis by RT-PCR</i> , Chapter 19, pgs. 259-269, 1998.
	C29	Welcher, A. <i>et al.</i> , (1986). <i>Nuc. Acids Res.</i> 14:10027-10044.
	C30	Cunningham, R. <i>et al.</i> , (1981). <i>Cell</i> 24:213-223.
	C31	Sena, E. and Zarling, D. (1993). <i>Nature Genetics</i> 3:365-372.
	C32	Tagle, D. <i>et al.</i> , (1993). <i>Nature</i> 361:751-753.
	C33	Pfannschmidt, C. <i>et al.</i> , (1996). <i>Nuc. Acids Res.</i> 24:1702-1709.
	C34	Cimino, <i>et al.</i> , (1985). <i>Ann. Rev. Biochem.</i> 54:1151-1193.
	C35	Takasugi, M. <i>et al.</i> , (1991). <i>Proc. Natl. Acad. Sci. USA</i> 88:5602-5606.
	C36	Zenkova, M. <i>et al.</i> , (1995). <i>Eur. J. Biochem</i> 231:726-735.
	C37	Francois, J-C., <i>et al.</i> , (1989). <i>Proc. Natl. Acad. Sci. USA</i> 86:9702-9706.
	C38	Perrouault, L., <i>et al.</i> , (1990). <i>Nature</i> 344:358-360.
	C39	LeDoan, T. <i>et al.</i> , (1991). <i>Antisense Res and Dev.</i> 1:43-54.
	C40	Barre, F-X. <i>et al.</i> , (2000). <i>PNAS</i> 97:3084-3088.
	C41	Sun, J-S. <i>et al.</i> , (1989). <i>Proc. Natl. Acad. Sci. USA</i> 86:9198-9202.
	C42	Sayers, J. <i>et al.</i> , (1988). <i>Nuc. Acids Res.</i> 16:803-814.
	C43	Sayers, J. <i>et al.</i> , (1988). <i>Nuc. Acids Res.</i> 16:791-802.
	C44	Escude, C. <i>et al.</i> , (1999). <i>Proc. Natl. Acad. Sci. USA</i> 96:10603-10607.
	C45	Antson, D-O. <i>et al.</i> , (2000). <i>Nuc. Acids Res.</i> 28(e58):i-vi.
	C46	Nilsson, M. <i>et al.</i> , (1997). <i>Nature Genetics</i> 16:252-255.
	C47	Duhamel, R. <i>et al.</i> , (1990). <i>Methods in Enzym.</i> 184:201-207.
	C48	Dynabeads M-280 Streptavidin-Package Insert-WebLayout3, http://www.dynal.no/kunder/dynal/dynalpub
	C49	Pierce Chemical Technical Library, avidin-biotin.
	C50	Dawson, B. <i>et al.</i> , (1989). <i>The J. of Bio. Chem.</i> 264:12830-12837.
	C51	Perrino, F. <i>et al.</i> , (1989). <i>Proc. Natl. Acad. Sci. USA</i> 86:8343-8347.
	C52	Chen, Z-Y. and Zarbl, H. (1997). <i>Analytical Biochem.</i> 244:191-194.
	C53	Dieffenbach, C. <i>et al.</i> <i>PCR Primer-A Laboratory Manual</i> , pgs. 133-142, 1995.
	C54	Kwok, S. <i>et al.</i> <i>PCR Primer-A Laboratory Manual</i> , pgs. 143-155, 1995.
	C55	Carver, T. and Millar, D. (1998). <i>Biochemistry</i> 37:1898-1904.
	C56	Gurrieri, S. <i>et al.</i> , (1999). <i>Proc. Natl. Acad. Sci. USA</i> 96:453-458.
	C57	Stephens, J. <i>et al.</i> , (2001). <i>Science</i> 293:489-493.
	C58	Hafner, G. <i>et al.</i> , (2001). <i>BioTechniques</i> 30:852-867.
	C59	Mitchell, L. <i>et al.</i> (1996). <i>Methods in Mol. Bio</i> 58.
	C60	Dapprich, J. and Nicklaus, N. (1998). <i>Bioimaging</i> 6:25-32.
	C61	Biotin-High Prime, Cat. No. 1585 649
	C62	Zhumabayeva, B. <i>et al.</i> , (1999). <i>CLONTECHniques</i> 33-34.

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Exam Initial	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
<i>nk</i>	C63	PerkinElmer, AmpliTaq DNA Polymerase
<i>n</i>	C64	Syvanen, A-C. <i>et al.</i> , (1999). <i>Eur. J. of Human Gen.</i> 7:98-101

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* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

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